

JC654 U.S. PRO
09/749663
12/28/00

ISSUE CLASSIFICATION	
Class	Subclass

PATENT NUMBER _____

U.S. UTILITY Patent Application

FA M.H SCANNED O.I.P.E. 3 CH U.A. IR	PATENT DATE
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APPLICATION NO. 09/749663	CONT/PRIOR F	CLASS 18T 381	SUBCLASS 71.4	ART UNIT 283T 2644	EXAMINER MEI	LAO
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TITLE	APPLICANTS
1. <u>General</u>	
2. <u>Specific</u>	
3. <u>Other</u>	

Acoustic wave sensor for detecting contact state between a valve
and a valve seat for a vehicle

PTO-2040
12/99

ISSUING CLASSIFICATION												
ORIGINAL				CROSS REFERENCE(S)								
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)							
INTERNATIONAL CLASSIFICATION												

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS		CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		NOTICE OF ALLOWANCE MAILED	
	_____ (Primary Examiner) (Date)		ISSUE FEE	
Amount Due			Date Paid	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ _____ _____	_____ (Primary Examiner) (Date)		ISSUE BATCH NUMBER	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			

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